

New U.S. Application
PRELIMINARY AMENDMENT

PATENT

IN THE ABSTRACT:

Please replace the original abstract with the attached
substitute abstract.

ABSTRACT

A process for increasing the surface tension ("wettability") of a silicone element crosslinked by polyaddition from a liquid composition containing one or more α, ω -dimethylvinylpolydimethylsiloxanes (PDMS), one or more poly(dimethyl)(methylhydrogenosiloxy)- α, ω -dimethylhydrogenosiloxanes, and a platinum crosslinking catalyst. The silicone surface is treated with a homogeneous atmospheric plasma using a plasma spraying apparatus having a rotating head with one or more plasma nozzles that are offset relative to the axis of rotation, each one being capable of generating a plasma jet whose axis is parallel to said axis of rotation. The articles to which the invention relate include composites of flexible substrate (e.g. textile)/silicone coating. Application: adhesive bonding of silicone surfaces crosslinked by $\equiv\text{Si-H}/\equiv\text{Si-vinyl}$ polyaddition.